

# HYBRID GENERATOR

**EXW PRICE**

**100000RMB**

## Main Features

Power System	Type	HYBRID
Frequency	Hz	50
Voltage	V	120/240
Phases		1
Fuel		Diesel
Battery	Type	LiFePO4/SIB(CATL)

## Power Rating - Diesel Genset (According to standard ISO8528)

Prime power PRP	kVA	10.6
Prime power PRP	kW	8.5
Power factor	cos φ	0.8

<b>Noise</b>	<75dBA
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<b>Fuel Tank Capacity</b>	200
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## Battery specifications

Battery rated Voltage	VDC	25.6
Battery Nominal Energy (single pack)	kWh	11
Battery Nominal Current	Ah	230
Number of battery pack	n.	2
Battery Nominal Energy (Total)	kWh	10
Cycles @80%DoD	wh	9421

## Invertor specifications

inverter Power	<b>kw</b>	<b>5</b>
System voltage	<b>v</b>	<b>48</b>
Max charging current	<b>A</b>	<b>70</b>
<b>Protective function</b>	<b>Under the mains:input overcurrent fuse</b> Under inverter:overload protection,short circuit protection,low voltage protection, ( with battery anti-reverse connection,board).	
<b>operating temperature</b>	-10°C~50°C	
<b>Storage temperature</b>	-15°C~45°C	
<b>Relative temperature</b>	-10°C~90°C no condensation	

## Engine specifications

Engine brand	<b>Kubota</b>	
Model	V1505	
Operation Speed Nominal(RPM)	1500	
Rated power	kw	11
Engine cooling system	Water	
Nr. of cylinder and disposition	4 in line	
Displacement	(litres)	1.498
Aspiration Type	Naturally aspirated	
Total Oil capacity	(litres)	6.7
Fuel	Diesel	

## Alternator specifications

Rated Output	kva	8
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Insulation Protection Systems		Protection System 2
Frequency	Hz	50
Voltage	V	120/240
Class		H
IP protection		23

Solar Panel		
Nominal Power	w	40
Type	Monocrystalline	
Solar charger	MPPT 150/35	